

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/009966A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04R3/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R H04S G10H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 168 296 A (YAMAHA CORP) 2 January 2002 (2002-01-02) abstract column 25, line 25 – column 45, line 14 -----	1-16
A	WO 99/26454 A (SRS LABS INC) 27 May 1999 (1999-05-27) abstract page 16, line 25 – page 17, line 20; figures 12A-D -----	1-16
A	WO 03/028405 A (AUBAUER ROLAND ;SIEMENS AG (DE); KLINKE STEFANO AMBROSIUS (DE)) 3 April 2003 (2003-04-03) abstract page 7, line 9 – page 12, line 11; figures 4-6 -----	1-16
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search	Date of mailing of the international search report
3 December 2004	21/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Fülop, I

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 6 068 489 A (NAGATA YUICHI ET AL) 30 May 2000 (2000-05-30) column 2, line 60 - column 3, line 43 column 4, line 11 - line 17 -----	2
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01, 28 February 1995 (1995-02-28) & JP 06 289882 A (VICTOR CO OF JAPAN LTD), 18 October 1994 (1994-10-18) abstract; figure 1 -----	2
A	US 5 930 373 A (SHASHOUA MEIR ET AL) 27 July 1999 (1999-07-27) -----	

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Information on patent family members

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